

IN THE SPECIFICATION

Page 1, please delete the paragraph starting at line 8 and replace it with the following:

In many distributed computer systems the interaction between hardware or software components is asynchronous. In the Publish/Subscribe communications paradigm components send and receive data using subject name or topic addressing. For example, in the simplest form of a distributed system, a client element that wishes to receive data on a particular subject will subscribe to the event on which a server is publishing data about that subject. If the client wishes to receive information about a different subject, the client subscribes to a different event that relates to that subject. A client may have varying application needs that warrant changing the events to which it is subscribed. One prior system that supports such operation is The Information Bus (TIB/ ~~RENDEZVOUS~~Rendezvous) software, which is event bus software from TIBCO Software, Inc.

Please replace the paragraph on page 9, starting at line 12, with the following paragraph,

In one embodiment, information for the lookup table is entered through a Web interface whereby an administrator or other individual connects to Data Store 212 of Namespace Mapping Service ~~data store 222-210~~ using a conventional Web browser. The information is entered by persons knowledgeable in setting up networks and their respective name space(s), e.g., a network administrator.

Page 12, please delete the paragraph starting at line 8 and replace it with the following:

In one embodiment, in which ~~TIB/Rendezvous~~ TIB/RENDEZVOUS (event bus software) is used as Event Bus 202, Mapping Service Runtime 404 can be configured upon startup using

zero or more of the following command line options. One or more of the following options may be omitted if a different software system is used for Event Bus 202.

Page 14, please delete the paragraph starting at line 6 and replace it with the following:

FIG. 5 is a block diagram of a data object model that may be used in an embodiment, and shows logical associations between applications, devices, groups, and events. The elements of FIG. 5 may be created as persistent objects in the Data Store 212 of Namespace Mapping Service ~~Data Store 222~~ 210. Generally, the object model includes objects based on an Application class 502, Group Item class 504, Group class 506, Device class 508, and Event class 510. Group class 506 and Device class 508 inherit from Group Item class 504. Hence, an object that is instantiated from Group Item class 504 can be either a Group or a Device. A Group is an aggregation of Group Item objects; so a Group can consist of devices or other groups. The same device can also be part of multiple groups.

Page 14, please delete the paragraph starting at line 6 and replace it with the following:

The object model described above is mapped to an external data store during the installation process. For example, in the system of FIG. 1B, when Namespace Mapping Service 210 is installed, a mapping from the object model to the data representation of the ~~data store~~ Directory 222 is created and stored. This may be in the form of schema extensions in the case of a directory, tables for databases, etc.